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ABSTRACT

A method is provided for initiating communications over a channel between a transmitter and a receiver within a specified spectral range, subject to a mask to be applied at the transmitter so as to attenuate at least one segment of the spectral range. The method includes providing to the receiver a definition of the at least one segment and of a level of attenuation to be applied within the at least one segment during a training interval of the communications. A training signal is transmitted from the transmitter to the receiver while applying to the training signal the level of attenuation within the at least one segment. The receiver compensates for a response of the channel based on the received training signal and on the definition of the at least one segment and of the level of attenuation.